

ABSTRACT OF THE DISCLOSURE

Linear electric motors suitable for transportation of one or more vehicles along a road which may be a railroad, having electric coils as powerable motor parts and either nonferrous metal plates, superconducting magnets or shorted coils as passive motor parts; employing a pulsating power source for powered motor parts, which power may be of constant or varying frequency; and having motor part spacing, and a space time relationship of motor part spacing and timing of said power source operation so as to require a minimum number of road parts per mile, and so as to provide continuous power transmission for propulsion and braking of said vehicles.